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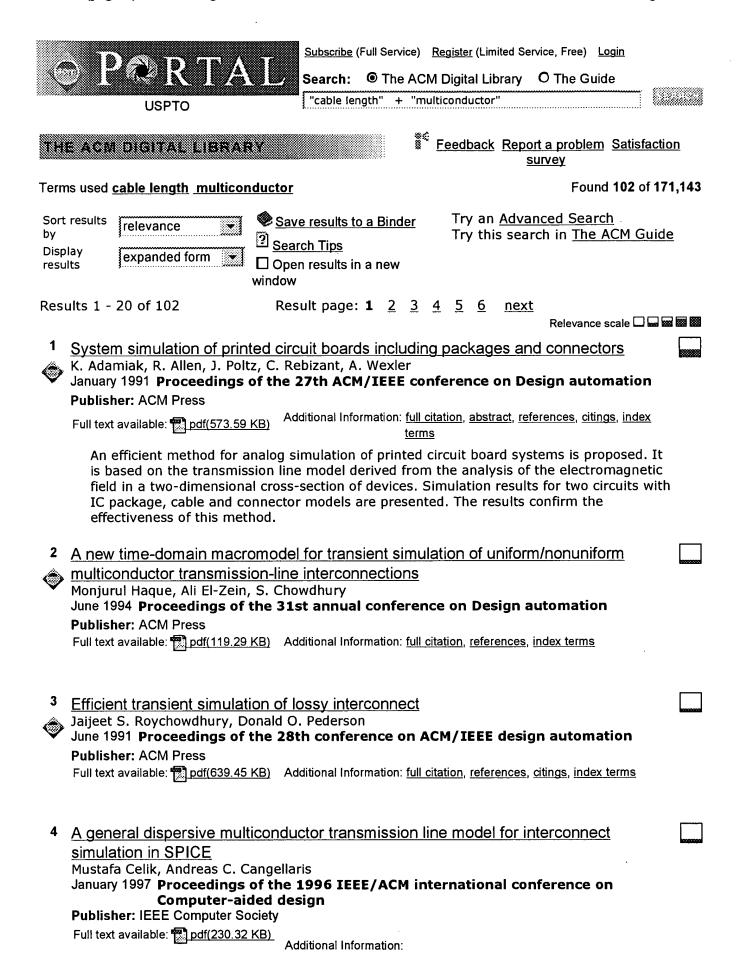
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5 (Fast parameters extraction of general three-dimension interconnects using geometry independent measured equation of invariance Weikai Sun, Wayne Wei-Ming Dai, Wei Hong June 1996 Proceedings of the 33rd annual conference on Design automation	B1111111
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8	A novel dimension reduction technique for the capacitance extraction of 3D VLSI interconnects Wei Hong, Weikai Sun, Zhenhai Zhu, Hao Ji, Ben Song, Wayne Wei-Ming Dai January 1997 Proceedings of the 1996 IEEE/ACM international conference on Computer-aided design	
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	Keywords : 3D VLSI interconnects, DRT, Dimension Reduction Technique, FastCap, SPICELINK, VLSI, capacitance extraction, dielectric layers, parallel signal lines	
9	An Ethernet compatible low cost/high performance communication solution I. Chlamtac, A. Herman August 1987 ACM SIGCOMM Computer Communication Review, Proceedings of the ACM workshop on Frontiers in computer communications technology SIGCOMM '87, Volume 17 Issue 5 Publisher: ACM Press	
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	A self contained method for the electrical modelling of lossy 3-D multilevel interconnections has been developed. The method allows for the generation of a multiple coupled line model, compatible with SPICE-like CAD programs, from the interconnection line constants and parasitic coupling parameters which are computed by the so-called method of moments. The proposed method can be used for the analysis of coupled line systems with linear or nonlinear/time varying terminators, as well as for the st	
12	<u>case</u> Peter Kim	10000000
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problem in many layers such as the pure dielectric layers and the layers with parall \dots

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14	Passive Synthesis of Compact Frequency-Dependent Interconnect Models via Quadrature Spectral Rules Traianos Yioultsis, Anne Woo, Andreas C. Cangellaris November 2003 Proceedings of the 2003 IEEE/ACM international conference on Computer-aided design Publisher: IEEE Computer Society Full text available: pdf(245.88 KB) Additional Information: full citation, abstract, index terms	
	In this paper, we present a reduced order modeling methodology, based on the utilization of optimal non-uniform grids generatedby Gaussian spectral rules, for the direct passive synthesis of SPICE-compatible modeling of multi-conductor interconnectstructures. The algorithm is based on a Padé-Chebyshevapproximation of the frequency-dependent input impedancematrix of the passive interconnect system. The synthesized circuitis represented as the concatenation of a number of non-uniformsections of pass	
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	resolution method. These characteristics make Twentenet suitable for real-time applications, as well as a mixture of real-time and non real-time applications. The general system structure is introduced followed by a detailed description of the priori	
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1	BRS	L1	164	(hardware same emulat\$4) and ((circuit adj boards) same plurality)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:12
2	BRS	L2	103	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:12
3	BRS	L3	67	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13
4	BRS	L4	39	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and emulation	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13
5	BRS	L5	28	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13

	Туре	L#	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	0	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design) and (multiconductor adj cable)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
7	BRS	L7	28	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:14
8	BRS	L8	3109	(multiconductor adj cable)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
9	BRS	L9	1041	(multiconductor adj cable) and (inputs same outputs)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
10	BRS	L10	34	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:18

	Туре	L#	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	1	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (test same pattern)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:18
12	BRS	L12	0	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (test near pattern)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:19
13	BRS	L13	0	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:19
14	BRS	L14	34		US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:20
15	BRS	L15	0		US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:20

	Туре	L#	Hits	Search Text	DBs	Time Stamp
16	BRS	L16	3	(multiconductor adj cable) and (inputs same	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:03
17	BRS	L17	2	(test adj pattern) same (cable adj length)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:25
18	BRS	L18	0	((test adj pattern) same (cable adj length)) and multi-conductor	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:25
19	BRS	L19	0	(multiconductor adj cable) same emulation same length	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:03
20	BRS	L20	2	((multiconductor adj cable) same emulation) and length	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:03

	Туре	L#	Hits	Search Text	DBs	Time Stamp
21	BRS	L21			US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:04
22	BRS	L22	2	((multiconductor adj cable) same emulation) and length	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:31
23	BRS	L23	12	(prior adj installing adj cable)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:31
24	BRS	L24	0	(prior adj installing adj cable) and (interchanging same inputs same outputs)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:32
25	BRS	L25	0	(prior adj installing adj cable) and (interchang\$4)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:32

	Туре	L#	Hits	Search Text	DBs	Time Stamp
26	BRS	L26	1	"5352123".pn. and logic	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 13:46
27	BRS	L27	166	(determin\$4 adj cable adj length)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:03
28	BRS	L28	276	(multiconductor same interconnected)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:04
29	BRS	L29	223	(multiconductor same interconnected same cable)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:04
30	BRS	L30	18	(multiconductor same interconnected same cable) and (determine same length)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:05

	Туре	L#	Hits	Search Text	DBs	Time Stamp
31	BRS	L31	0	(multiconductor same interconnected same	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:05
32	BRS	L32	18	(multiconductor same interconnected same cable) and (determine same length)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 14:05

	Туре	L#	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	1	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (test same pattern)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:18
12	BRS	L12	0	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (test near pattern)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:19
13	BRS	L13	0	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (test adj pattern)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:19
14	BRS	L14	34	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:20
15	BRS	L15	0	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (integrated adj circuit adj boards)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:20

	Туре	L#	Hits	Search Text	DBs	Time Stamp
16	BRS	L16		(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length)) and (integrated adj circuit)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:23
17	BRS	L17	2	(test adj pattern) same (cable adj length)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:25
18	BRS	L18		((test adj pattern) same (cable adj length)) and multi-conductor	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:25

_	Туре	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	164	(hardware same emulat\$4) and ((circuit adj boards) same plurality)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:12
2	BRS	L2		(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:12
3	BRS	L3	67	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13
4	BRS	L4	39	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and emulation	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13
5	BRS	L5	28	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:13

	Туре	L#	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	o	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design) and (multiconductor adj cable)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
7	BRS	£7	28	(hardware same emulat\$4) and ((circuit adj boards) same plurality same printed) and (integrated adj circuits) and (emulation same logic same design)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:14
8	BRS	L8	3109		US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
9	BRS	L9	1041	(multiconductor adj cable) and (inputs same outputs)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:17
10	BRS	L10	34	(multiconductor adj cable) and (inputs same outputs) and (determin\$3 same (cable adj length))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 12:18

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	Туре	L#	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	210	703/28.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 16:24
2	BRS	L2	32	703/28.ccls.and "716"/\$.ccls.	US- PGPUB; USPAT;. USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 16:28
3	BRS	L4	1639	716/5.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	2006/04/25 16:40